

MODEL RESULTS SUMMARY: The injected waste plume extends 8,050 feet up-gradient, 7,450 feet down-gradient, 8,350 feet to the northeast and 7,700 feet to the southwest from the WDW-398 injection well at the end of operation (12/31/2020). The end-of-operations waste plume is oval in shape and has a width of 16,050 feet on the long axis and 15,500 feet on the short axis. After shifting the 10,000-year waste plume down dip by 12,000 feet to account for groundwater flow in the Frio A/B Sand, the injected waste plume extends 26,150 feet up-gradient and 19,200 feet down-gradient from the WDW-398 injection well and is approximately 16,400 feet wide at its widest point after 10,000 years.

LEGEND

- Location
- ⊗ Location Abandoned
- Rig Up
- Drilling
- ⊗ Dry & Abandoned
- Oil Well
- Oil Well Abandoned
- ⊗ Gas Well
- ⊗ Gas Well Abandoned
- ⊗ Well Abandoned-Show of Oil & Gas
- ⊗ Well Abandoned-Show of Oil
- ⊗ Well Abandoned in Salt
- ⊗ Well Abandoned in Cap Rock
- ⊗ Core Test Well
- ⊗ Wet Gas Or Condensate Well
- ⊗ Wet Gas or Condensate Well Abnd
- ⊗ Producing Oil & Gas
- ⊗ Injection Well

- Grant Or Section Line
- County Line
- State Line
- Line Visible On Aerial Photo

Agrifos Fertilizer and
Gyp-Stack Locations

-4650 Post Numbers
F/O Horizon Faulted Out

Base Map - Structure Map on Top of Frio E&F Sand
Modeled Waste Plume Density = 64.18 lb/ft³
Injection Interval Formation Fluid Background Flow Velocity = 1.2 ft/yr

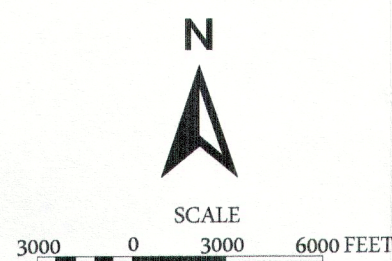


PLATE 7-24A

TERRA
DYNAMICS INC

**MAXIMUM EXTENT OF MODELED
PLUME AT END OF OPERATIONS
AND 10,000 YEARS (ExMob_AB_398 HiDens)
(Frio A/B Sand High Density Lateral Migration Model)**

PREPARED FOR

**EXXON MOBIL CORPORATION
PASADENA, TEXAS**

DRAWN BY: tdm	SCALE: As Indicated	DATE: Revised: 03-07-2011
DESIGNED BY: SAME		JOB NO.: 11-101
CHECKED BY: T. Moody		